

Fig. 1

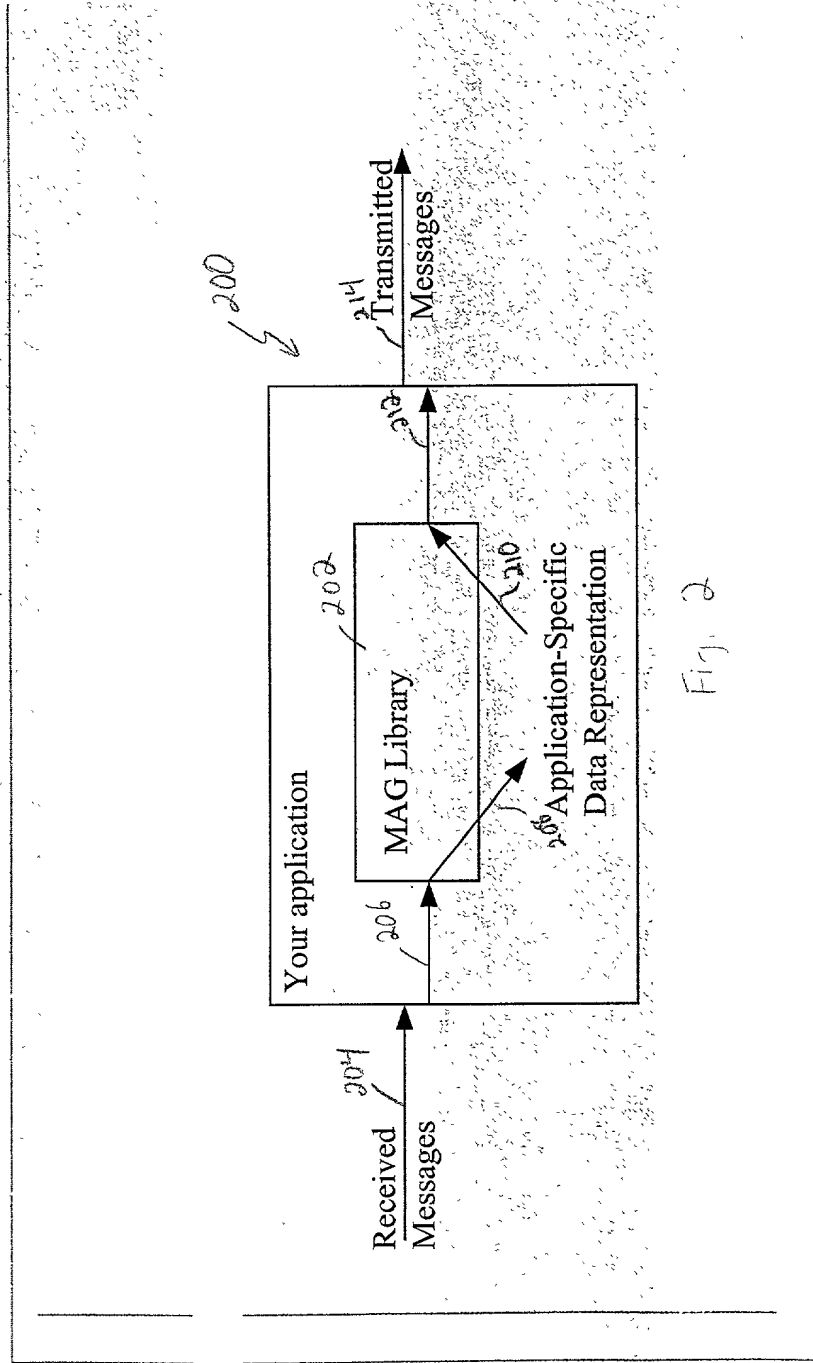


Fig. 2

# MAG Data Transformation - A Character Message

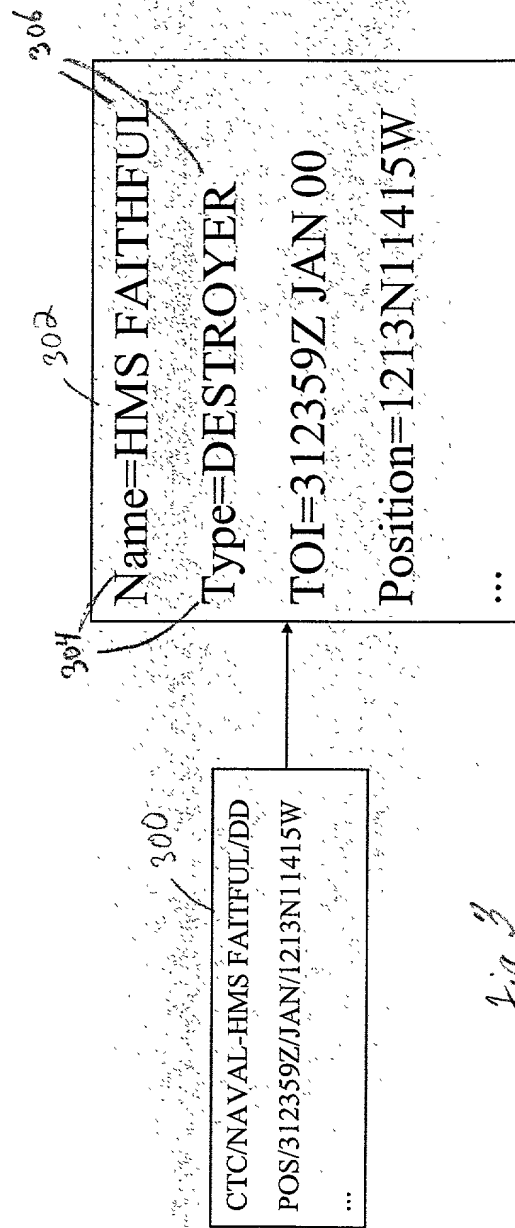


Fig 3

# MAG

## Data transformation - A Binary Message

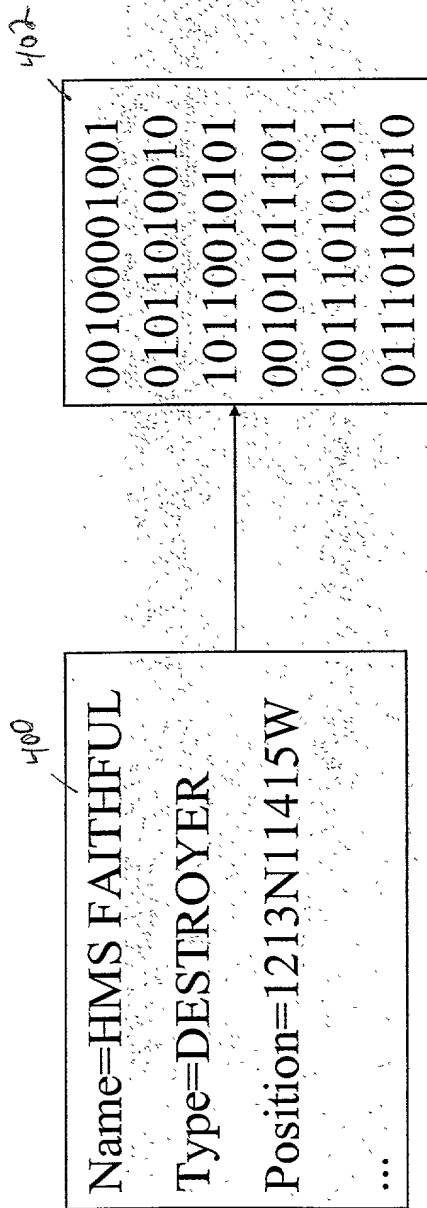


Fig. 4

# MAG

## A Table-Driven Utility

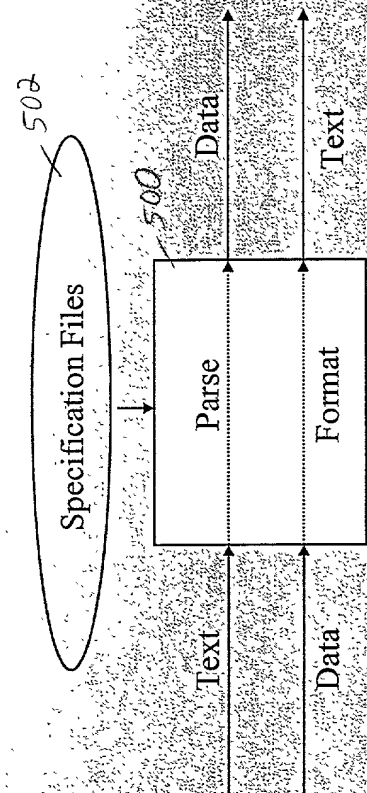


Fig. 5

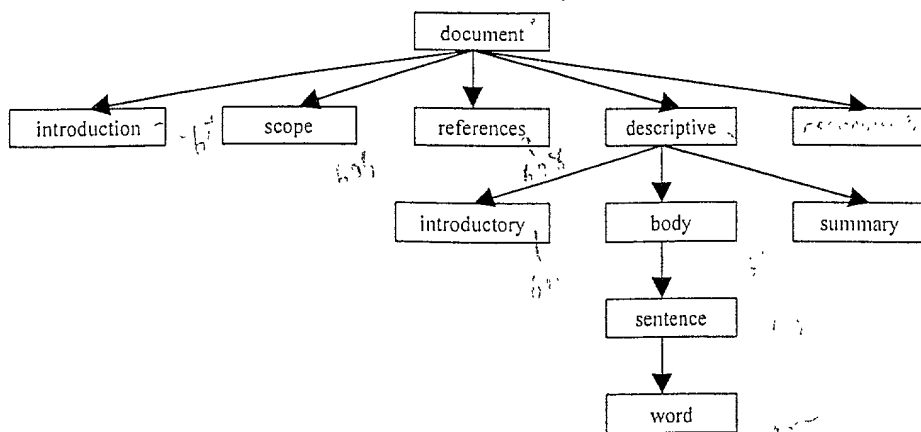


Fig. 6

700

↓

Flow chart for the Mag parse function

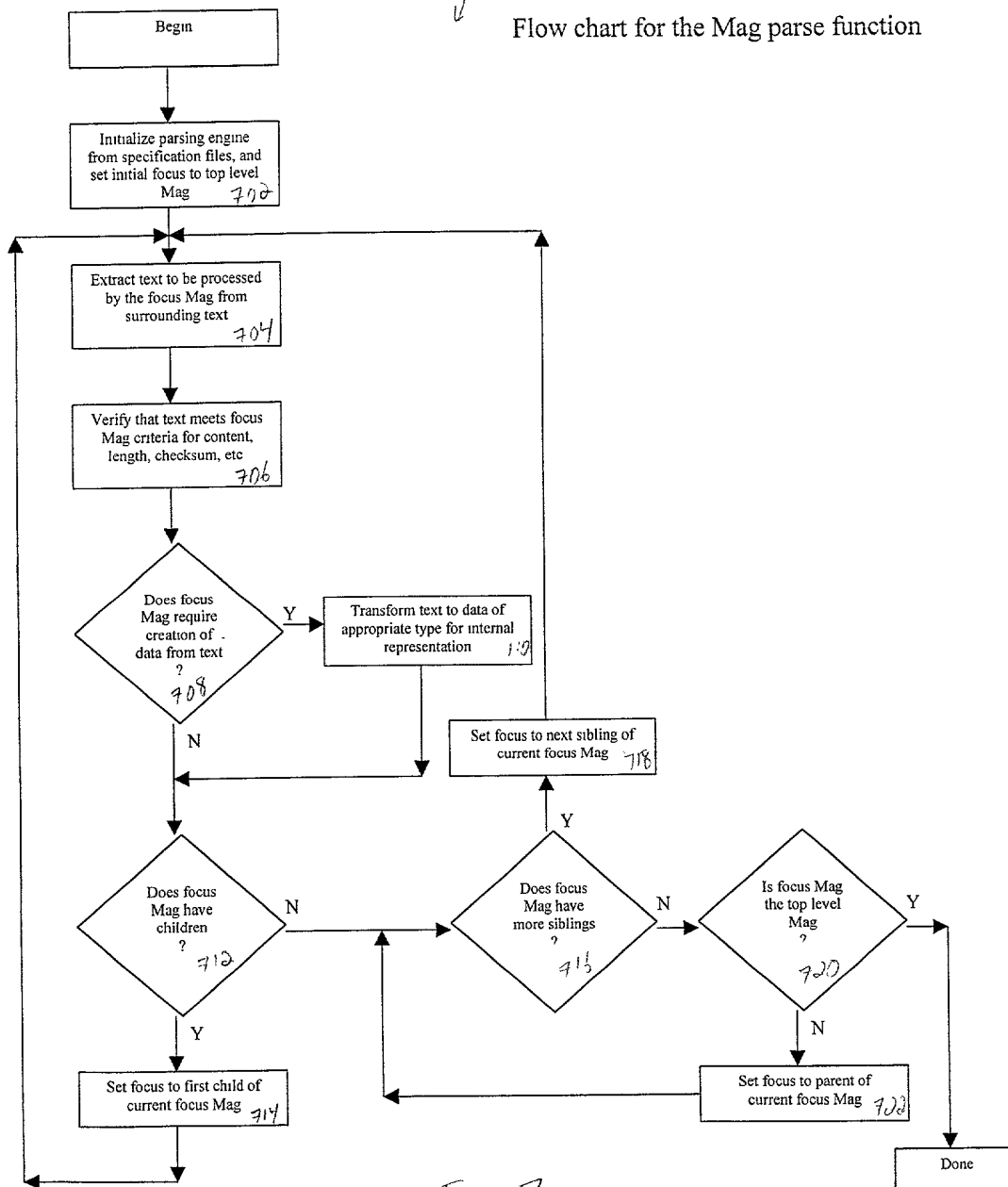


Fig. 7

065504-065504

05895801 062901

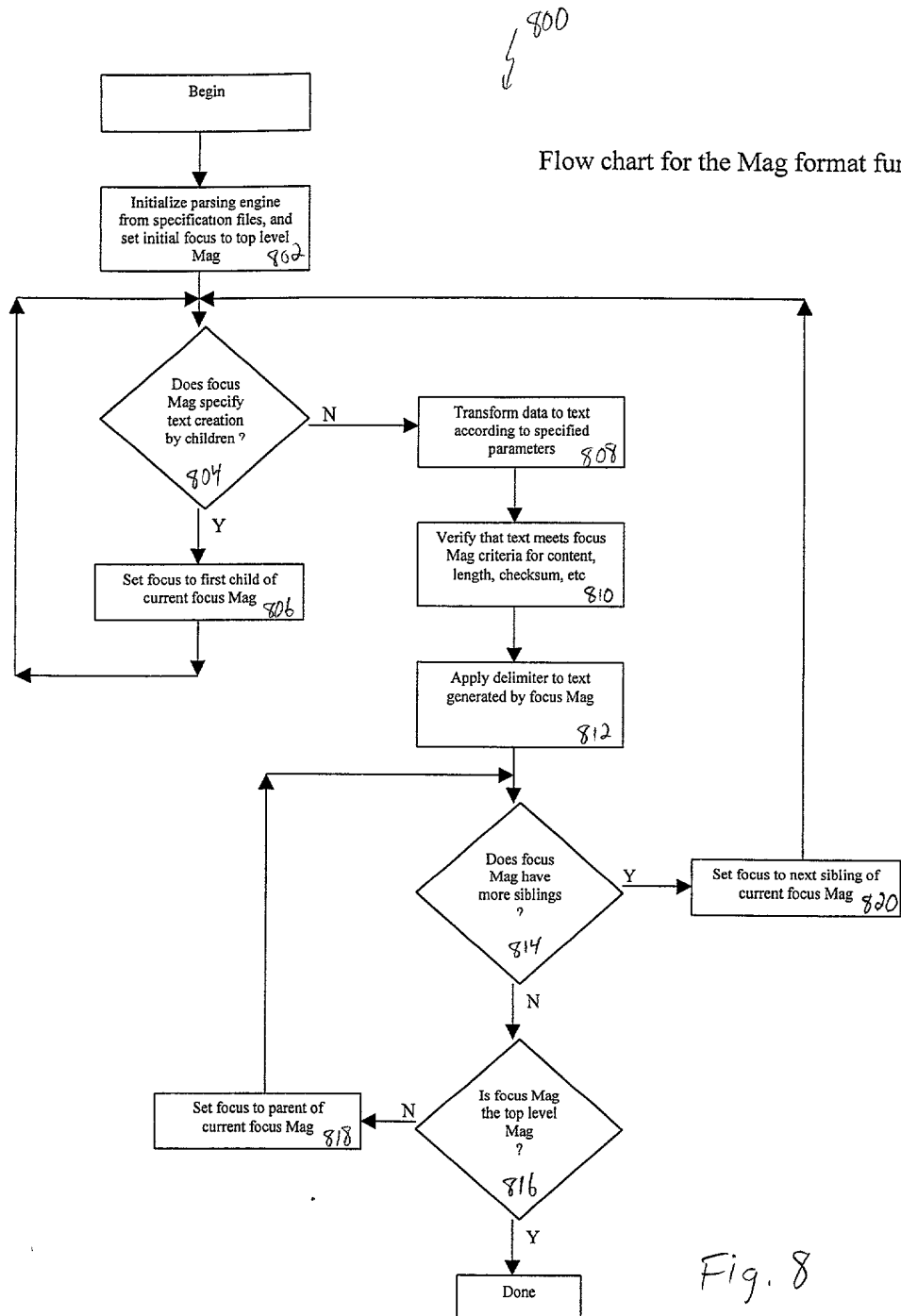


Fig. 8



# ADS Imagery Processing

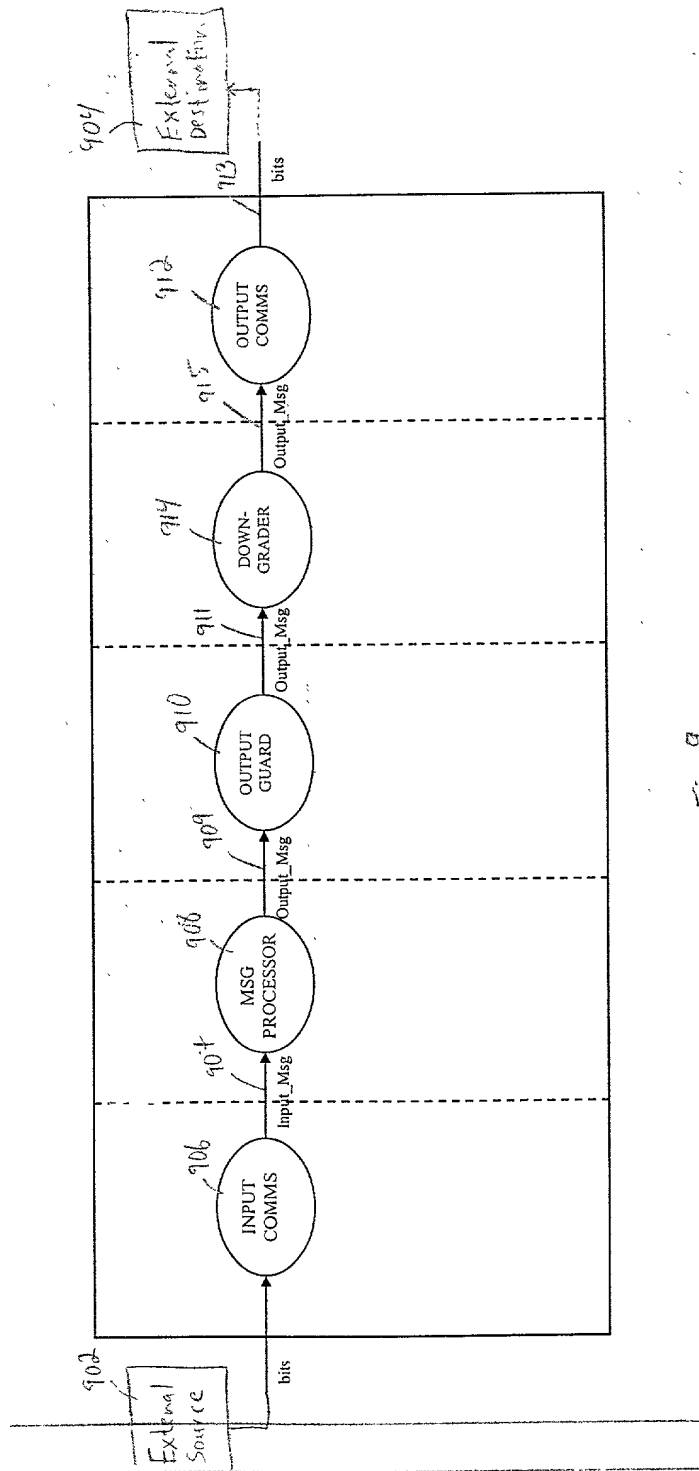


Fig. 9

# ADS Imagery Processing

1000

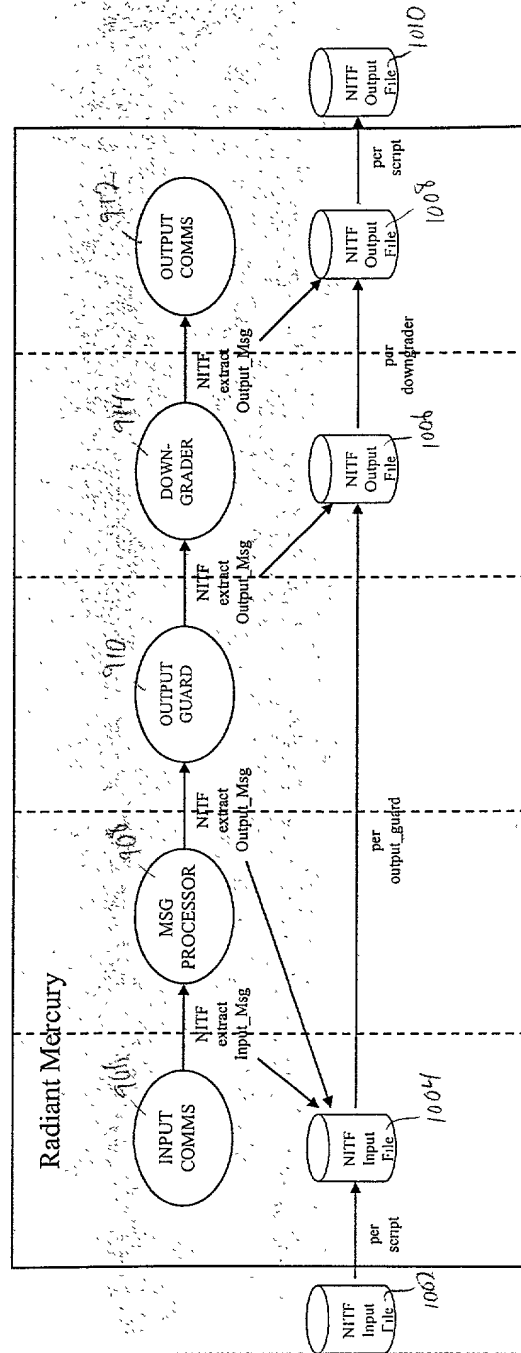
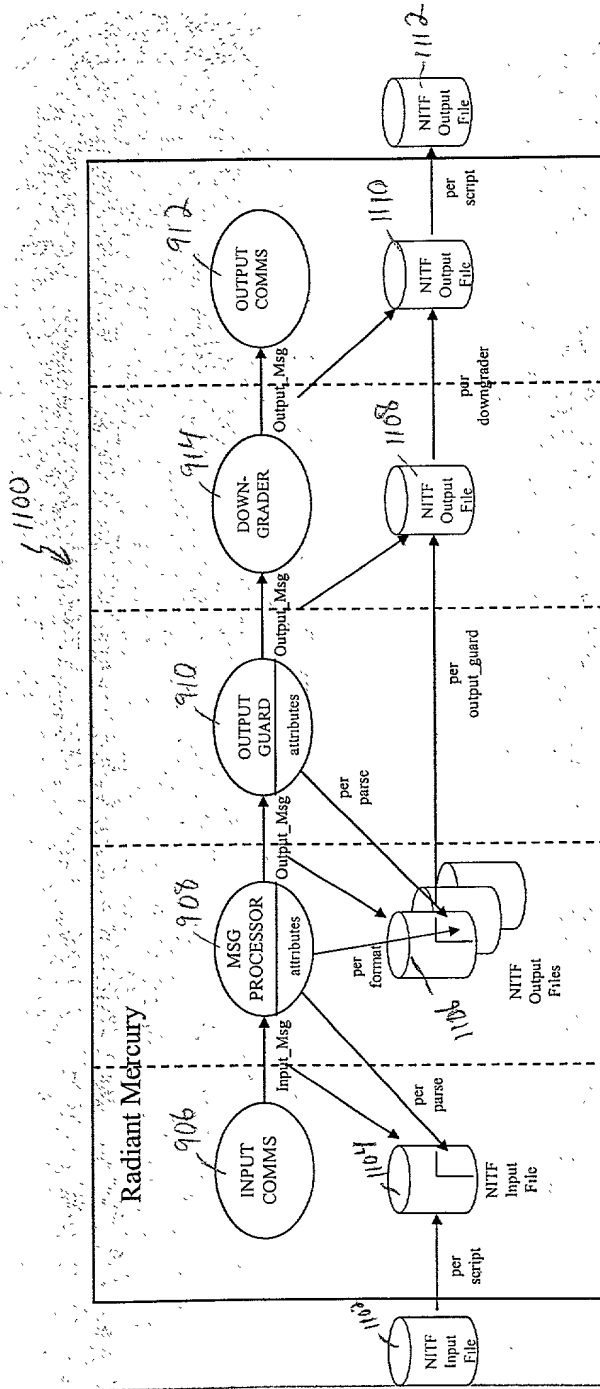


Fig. 10

# ADS Imagery Processing



TOP SECRET F035260

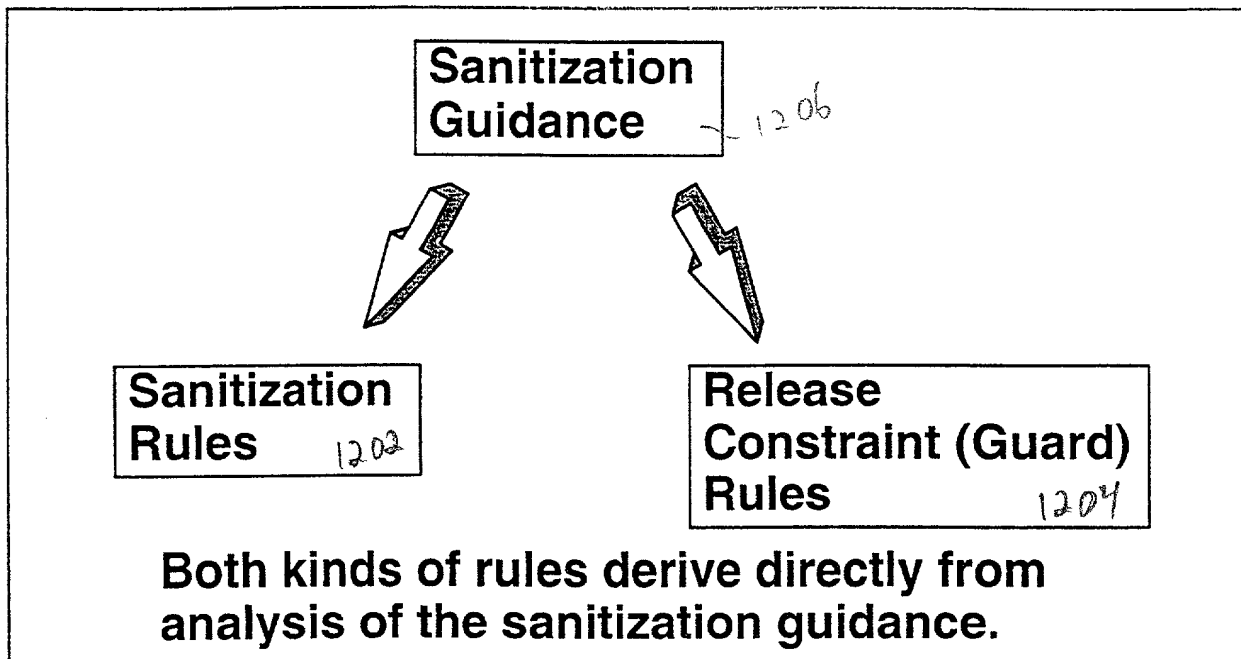


Fig. 12

TOP SECRET

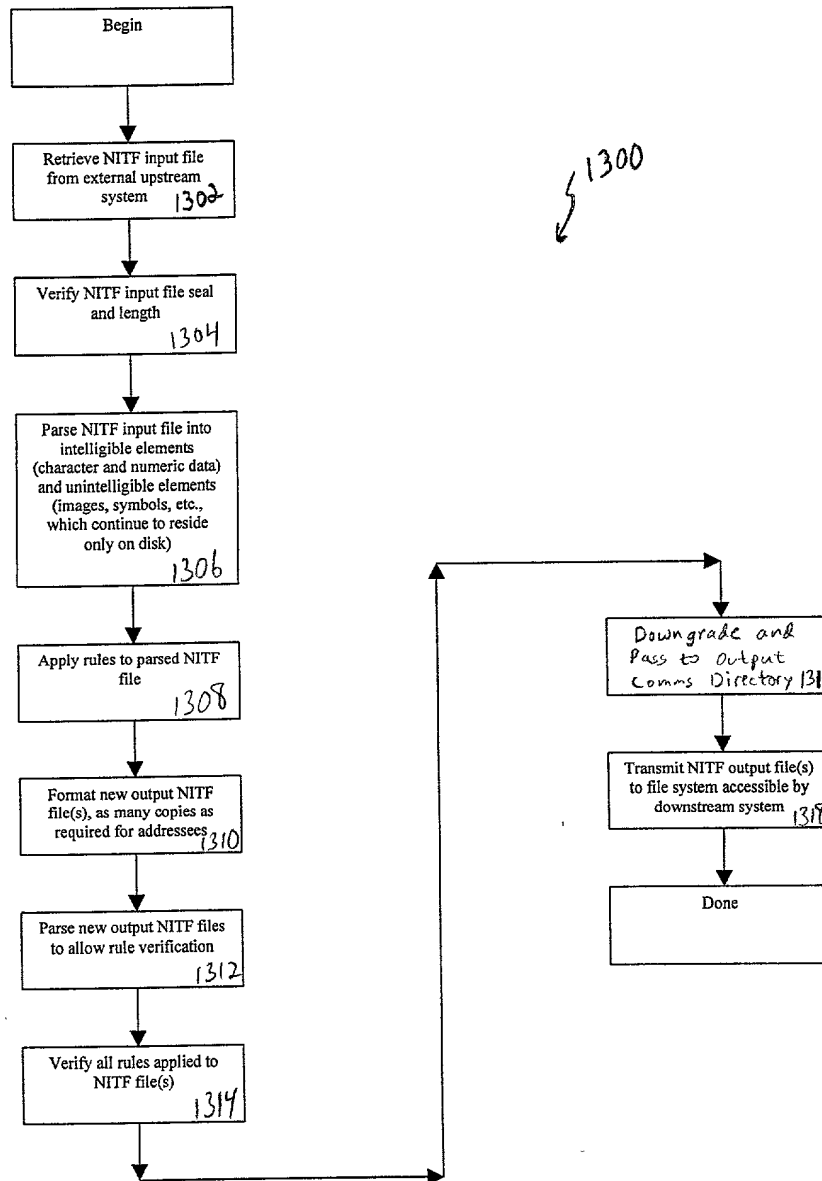


Fig. 13

```

graph TD
    Start([start]) --> DefineRulesSet[Define rules set  
1402]
    DefineRulesSet --> DefineMessageConditions[Define message conditions  
1404]
    DefineMessageConditions --> DefineConditionsToCheck[Define conditions to  
check for attributes 1406]
    DefineConditionsToCheck --> DefineConditionsForSearching[Define conditions for  
attribute searching 1408]
    DefineConditionsForSearching --> DefineConditionsForNumeric[Define conditions for  
numeric attributes 1410]
    DefineConditionsForNumeric --> DefineAreaOfInterest[Define area of  
interest attributes 1412]
    DefineAreaOfInterest --> CombineConditions[Combine conditions  
using boolean connectors 1414]
    CombineConditions --> CreateErrorRoutingRules[Create error  
routing rules 1416]
    CreateErrorRoutingRules --> DefineContactDeleteActions[Define contact  
delete actions 1418]
    DefineContactDeleteActions --> DefineAttributeDeleteActions[Define attribute  
delete actions 1420]
    DefineAttributeDeleteActions --> DefineFreeTextDeleteActions[Define free text  
delete actions 1422]
    DefineFreeTextDeleteActions --> CreateAttributeRetainActions[Create attribute  
retain actions 1424]
    CreateAttributeRetainActions --> CreateRoundingRules[Create rounding rules  
1426]
    CreateRoundingRules --> CreateAttributeValueReplacementRules[Create attribute value  
replacement rules 1428]
    CreateAttributeValueReplacementRules --> DefineConditionalRuleSet[Define conditional rule  
set rules 1430]
    DefineConditionalRuleSet --> CopyAttributeValues[Copy attribute values  
1432]
    CopyAttributeValues --> AdjustAttributeValues[Adjust attribute values  
1434]
    AdjustAttributeValues --> CreateRulesForIncrementingCounter[Create rules for incrementing  
counter 1436]
    CreateRulesForIncrementingCounter --> CreateKeyAttributeStorageRules[Create key attribute  
storage rules 1438]
    CreateKeyAttributeStorageRules --> CreateKeyAttributeRetrieveRules[Create key attribute  
retrieve rules 1440]
    CreateKeyAttributeRetrieveRules --> End([END])
  
```

END